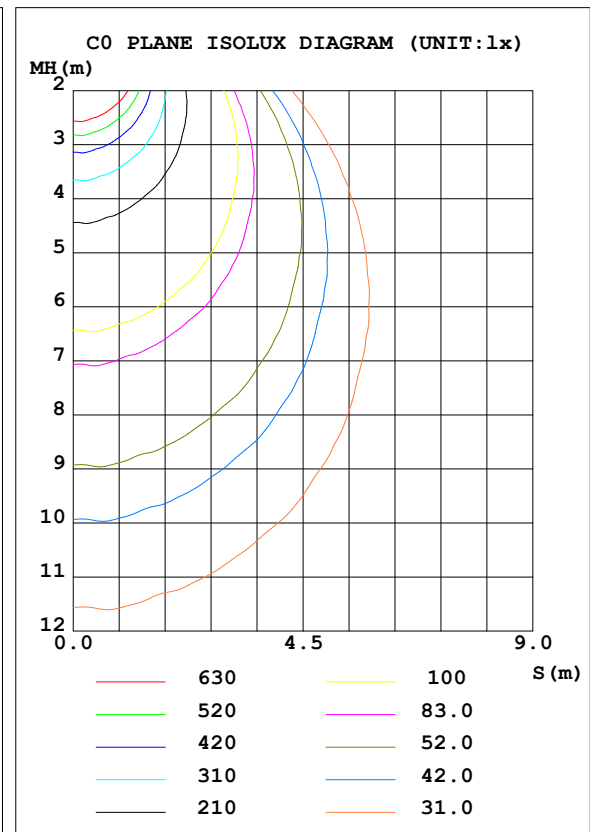
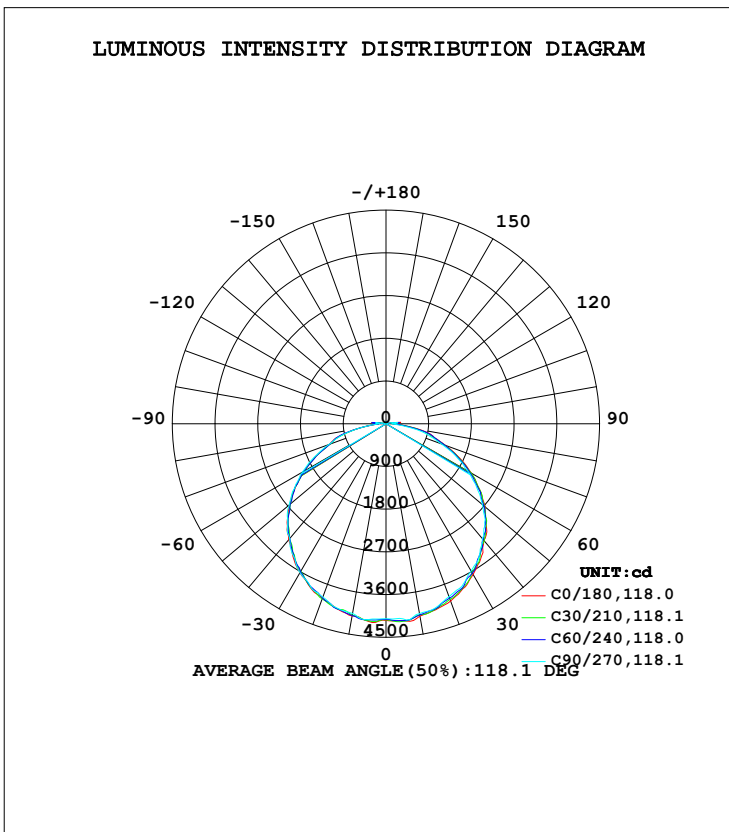


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:229.63V I:0.4167A P:94.082W PF:0.9832 Freq:50.00Hz Lamp Flux:112.38x117 lm		
NAME: SPS1004-HL10B-117NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:φ110mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 139.76 lm/W			
MODEL		I <sub>max</sub> (cd)	4197	S/MH (C0/180)	1.31
NOMINAL POWER (W)	100	LOR (%)	100.0	S/MH (C90/270)	1.31
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	13148	η UP, DN (C0-180)	1.4, 48.6
NOMINAL FLUX (lm)	112.38	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.4, 48.7
LAMPS INSIDE	117	η up (%)	2.8	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	230	η down (%)	97.2	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2017-07-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
 Humidity: 65.0%  
 Test Distance: 10.100m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	4111	4099	4059	4075	4114	4086	4060	4056	0- 10	393.7	393.7	2.99,2.99
20	3904	3921	3888	3912	3976	3924	3880	3867	10- 20	1133	1527	11.6,11.6
30	3624	3596	3624	3615	3668	3632	3588	3578	20- 30	1743	3270	24.9,24.9
40	3189	3159	3154	3195	3209	3205	3160	3153	30- 40	2133	5403	41.1,41.1
50	2654	2633	2663	2673	2733	2709	2651	2626	40- 50	2268	7671	58.3,58.3
60	1986	1976	2028	2035	2072	2047	1990	1960	50- 60	2097	9768	74.3,74.3
70	1263	1256	1287	1308	1333	1310	1238	1225	60- 70	1631	11399	86.7,86.7
80	612.0	624.0	614.2	652.7	741.1	688.3	587.3	566.1	70- 80	1033	12432	94.6,94.6
90	166.9	161.5	140.2	145.9	154.3	151.0	126.3	136.4	80- 90	353.7	12786	97.2,97.2
100	74.12	77.81	88.47	133.7	105.9	109.5	149.0	110.9	90-100	197.9	12984	98.7,98.7
110	16.59	16.30	15.83	15.77	16.70	16.78	16.75	16.89	100-110	52.02	13036	99.1,99.1
120	20.88	20.68	20.18	19.97	20.66	20.70	20.89	20.96	110-120	18.07	13054	99.3,99.3
130	26.08	25.87	25.45	25.27	25.97	25.92	26.08	26.15	120-130	20.83	13074	99.4,99.4
140	30.71	30.49	30.18	30.00	30.63	30.53	30.67	30.71	130-140	21.78	13096	99.6,99.6
150	34.76	34.61	34.34	34.16	34.78	34.59	34.60	34.61	140-150	20.40	13117	99.8,99.8
160	38.18	38.12	37.89	37.67	38.26	38.02	37.89	37.84	150-160	16.75	13133	99.9,99.9
170	41.08	40.97	40.78	40.49	41.21	40.95	40.77	40.53	160-170	11.14	13145	100,100
180	42.75	42.67	42.53	42.13	42.88	42.67	42.41	42.13	170-180	3.964	13148	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 6537.8 lm

%lum = 49.7%

%lamp = 49.7%

Conical surface Flux(120deg): 9768.1 lm

%lum = 74.3%

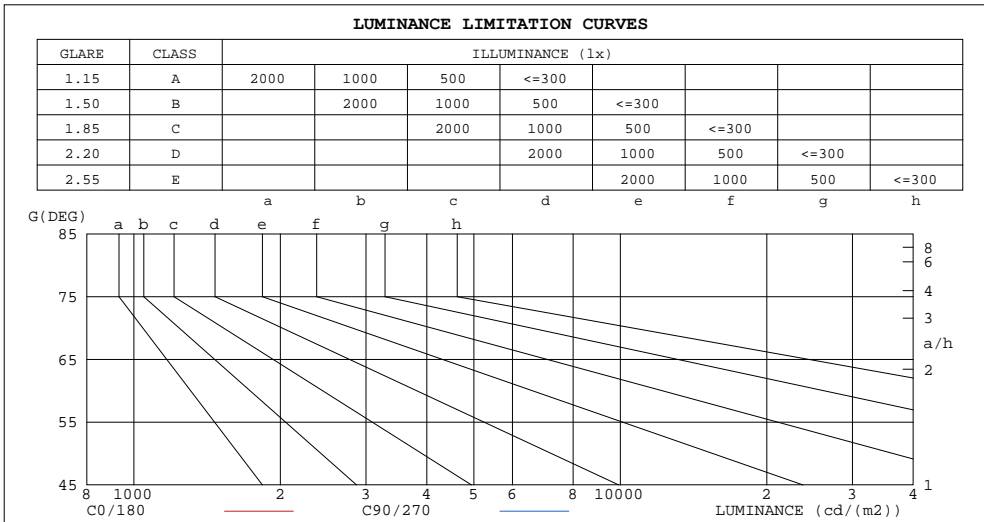
%lamp = 74.3%

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017-07-14

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
 Humidity:65.0%  
 Test Distance:10.100m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:229.63V I:0.4167A P:94.082W PF:0.9832 Freq:50.00Hz Lamp Flux:112.38x117 lm		
NAME: SPS1004-HL10B-117NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:φ110mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	332262	348260
80	374911	376257
75	420886	405843
70	392820	400280
65	409629	422020
60	422472	431477
55	432701	435016
50	439272	440775
45	443681	440006

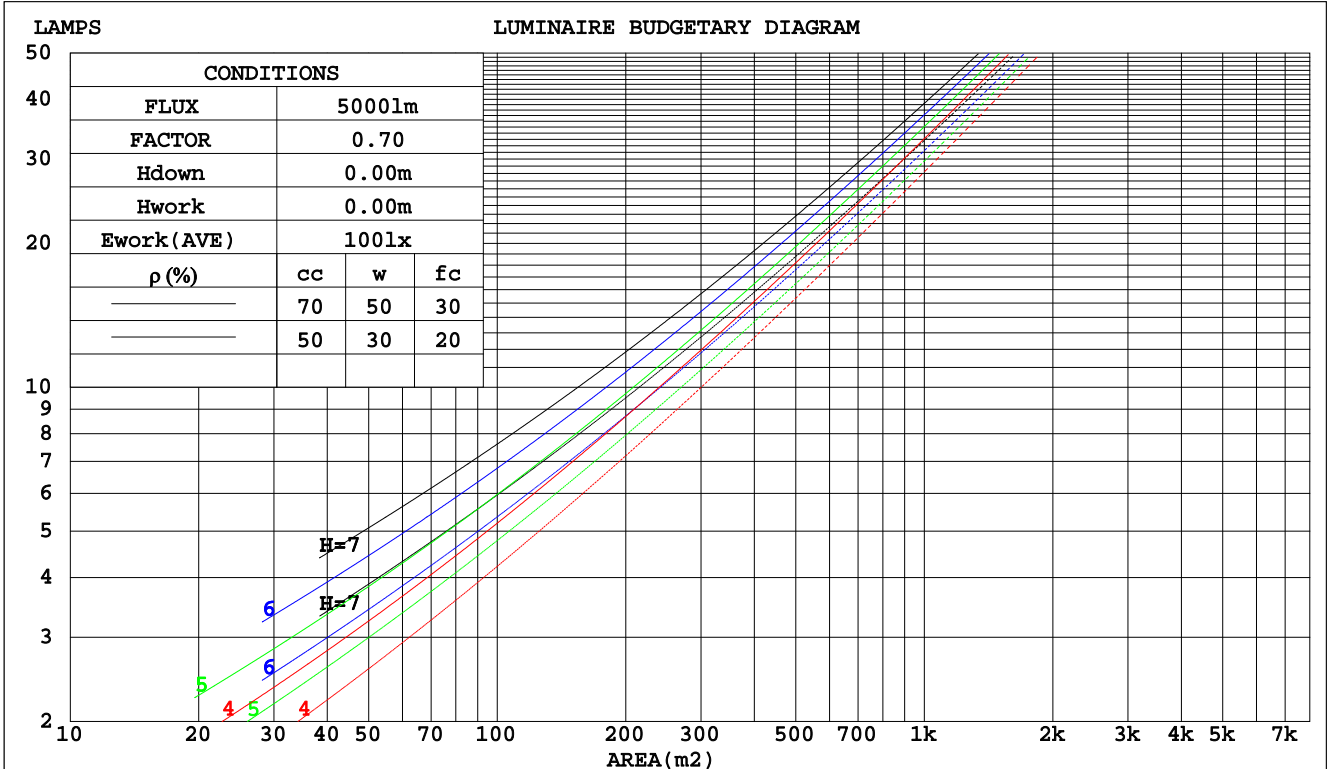
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017-07-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
 Humidity:65.0%  
 Test Distance:10.100m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:229.63V I:0.4167A P:94.082W PF:0.9832 Freq:50.00Hz Lamp Flux:112.38x117 lm		
NAME: SPS1004-HL10B-117NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:φ110mm	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0		
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0		
ρpw	0																	
ρfc	20%			20%			20%			20%			20%			0		
RCR	RCR:Room Cavity Ratio      Coefficients of Utilization(CU)																	
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.04	1.04	1.04	.00	.00	.00	.97		
1.0	1.02	.98	.94	.00	.96	.92	.95	.92	.89	.91	.88	.85	.87	.84	.82	.80		
2.0	.89	.82	.76	.87	.80	.75	.83	.77	.72	.79	.74	.70	.75	.72	.68	.66		
3.0	.78	.69	.62	.76	.68	.62	.72	.66	.60	.69	.64	.59	.66	.62	.57	.55		
4.0	.69	.60	.53	.67	.59	.52	.64	.57	.51	.61	.55	.50	.59	.54	.49	.47		
5.0	.61	.52	.45	.60	.51	.45	.57	.50	.44	.55	.48	.43	.53	.47	.42	.40		
6.0	.55	.46	.39	.54	.45	.39	.52	.44	.38	.50	.43	.38	.48	.42	.37	.35		
7.0	.50	.41	.34	.49	.40	.34	.47	.39	.34	.45	.38	.33	.44	.38	.33	.31		
8.0	.45	.37	.31	.44	.36	.30	.43	.35	.30	.41	.35	.30	.40	.34	.29	.27		
9.0	.41	.33	.27	.41	.33	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.25		
10.0	.38	.30	.25	.38	.30	.25	.36	.29	.24	.35	.29	.24	.34	.28	.24	.22		



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017-07-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
 Humidity:65.0%  
 Test Distance:10.100m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:229.63V I:0.4167A P:94.082W PF:0.9832 Freq:50.00Hz Lamp Flux:112.38x117 lm		
NAME: SPS1004-HL10B-117NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:φ110mm	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.325	.185	.058	.317	.181	.057	.302	.173	.055	.288	.166	.053	.275	.160	.051	
2.0	.301	.165	.051	.294	.162	.050	.281	.156	.049	.269	.151	.047	.258	.146	.046	
3.0	.277	.147	.044	.271	.145	.044	.259	.140	.043	.248	.136	.042	.238	.132	.041	
4.0	.254	.132	.039	.249	.130	.038	.238	.126	.038	.228	.123	.037	.219	.119	.036	
5.0	.234	.119	.035	.229	.118	.034	.220	.114	.034	.211	.111	.033	.203	.108	.033	
6.0	.217	.109	.031	.212	.107	.031	.204	.104	.030	.196	.102	.030	.189	.099	.029	
7.0	.201	.099	.028	.197	.098	.028	.190	.096	.028	.183	.094	.027	.176	.091	.027	
8.0	.188	.092	.026	.184	.091	.026	.177	.089	.025	.171	.087	.025	.165	.085	.025	
9.0	.176	.085	.024	.172	.084	.024	.166	.082	.023	.160	.080	.023	.155	.079	.023	
10.0	.165	.079	.022	.162	.078	.022	.156	.077	.022	.151	.075	.021	.146	.073	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.212	.212	.212	.181	.181	.181	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.203	.177	.154	.173	.152	.133	.119	.105	.092	.068	.061	.053	.022	.019	.017	
2.0	.195	.153	.118	.167	.132	.102	.114	.091	.071	.066	.053	.042	.021	.017	.014	
3.0	.187	.136	.095	.161	.117	.082	.110	.081	.058	.064	.048	.034	.020	.015	.011	
4.0	.180	.123	.079	.154	.106	.069	.106	.074	.048	.061	.043	.029	.020	.014	.009	
5.0	.172	.112	.068	.148	.097	.059	.102	.068	.042	.059	.040	.025	.019	.013	.008	
6.0	.165	.104	.060	.142	.090	.053	.098	.063	.037	.057	.037	.022	.018	.012	.007	
7.0	.158	.097	.055	.136	.084	.048	.094	.059	.034	.055	.035	.020	.018	.011	.007	
8.0	.152	.091	.050	.130	.079	.044	.090	.056	.031	.053	.033	.019	.017	.011	.006	
9.0	.145	.087	.047	.125	.075	.041	.087	.053	.029	.051	.031	.017	.016	.010	.006	
10.0	.140	.082	.044	.120	.071	.039	.084	.050	.027	.049	.030	.016	.016	.010	.005	

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017-07-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
 Humidity:65.0%  
 Test Distance:10.100m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:229.63V I:0.4167A P:94.082W PF:0.9832 Freq:50.00Hz Lamp Flux:112.38x117 lm										
NAME: SPS1004-HL10B-117NW					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.:φ110mm			Shielding Angle:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	33.8	35.3	34.1	35.6	35.8	33.8	35.4	34.2	35.6	35.9
3H	35.4	36.8	35.7	37.1	37.4	35.4	36.8	35.8	37.1	37.4
4H	36.2	37.5	36.5	37.8	38.1	36.2	37.5	36.6	37.8	38.1
6H	36.7	38.0	37.1	38.3	38.7	36.8	38.0	37.1	38.3	38.7
8H	36.9	38.1	37.3	38.5	38.8	36.9	38.1	37.3	38.5	38.8
12H	37.0	38.2	37.4	38.5	38.9	37.0	38.2	37.4	38.5	38.9
4H 2H	34.4	35.7	34.8	36.0	36.4	34.4	35.8	34.8	36.1	36.4
3H	36.2	37.4	36.6	37.7	38.1	36.2	37.4	36.6	37.8	38.1
4H	37.1	38.2	37.6	38.6	39.0	37.2	38.2	37.6	38.6	39.0
6H	37.8	38.8	38.3	39.2	39.6	37.9	38.8	38.3	39.2	39.7
8H	38.1	39.0	38.5	39.4	39.8	38.1	39.0	38.5	39.4	39.8
12H	38.2	39.0	38.7	39.5	39.9	38.3	39.1	38.7	39.5	40.0
8H 4H	37.5	38.4	37.9	38.8	39.2	37.5	38.4	38.0	38.8	39.3
6H	38.3	39.1	38.8	39.5	40.0	38.4	39.1	38.9	39.6	40.1
8H	38.7	39.3	39.2	39.8	40.3	38.7	39.3	39.2	39.8	40.3
12H	38.9	39.5	39.4	40.0	40.5	38.9	39.5	39.5	40.0	40.5
12H 4H	37.5	38.3	38.0	38.7	39.2	37.5	38.3	38.0	38.8	39.2
6H	38.4	39.1	38.9	39.5	40.1	38.4	39.1	38.9	39.6	40.1
8H	38.8	39.3	39.3	39.8	40.4	38.8	39.4	39.3	39.9	40.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 13148 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 9.0)

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017-07-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
 Humidity:65.0%  
 Test Distance:10.100m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:229.63V I:0.4167A P:94.082W PF:0.9832 Freq:50.00Hz Lamp Flux:112.38x117 lm		
NAME: SPS1004-HL10B-117NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:φ110mm	Shielding Angle:

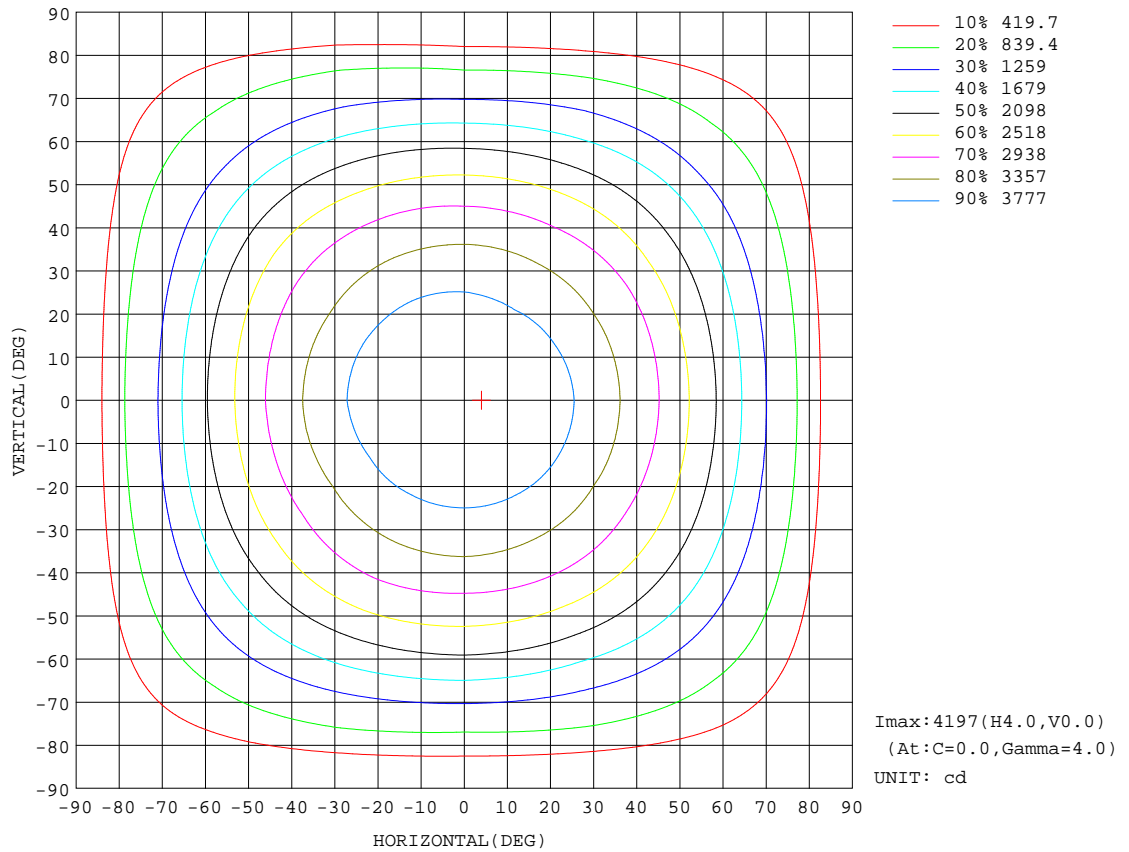
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	55	44	36	55	43	36	53	43	36	30
0.80	65	53	46	64	53	46	62	52	45	38
1.00	74	62	55	72	61	54	70	63	54	46
1.25	81	70	62	79	69	62	76	67	61	53
1.50	86	75	68	84	74	67	81	72	66	58
2.00	93	84	77	91	82	76	87	80	74	66
2.50	97	89	82	95	87	81	90	84	79	70
3.00	100	93	87	98	91	86	94	88	83	74
4.00	105	98	93	102	96	92	97	93	89	79
5.00	107	102	97	104	100	96	99	96	92	82
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017-07-14

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
 Humidity:65.0%  
 Test Distance:10.100m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:229.63V I:0.4167A P:94.082W PF:0.9832 Freq:50.00Hz Lamp Flux:112.38x117 lm		
NAME: SPS1004-HL10B-117NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:φ110mm	Shielding Angle:



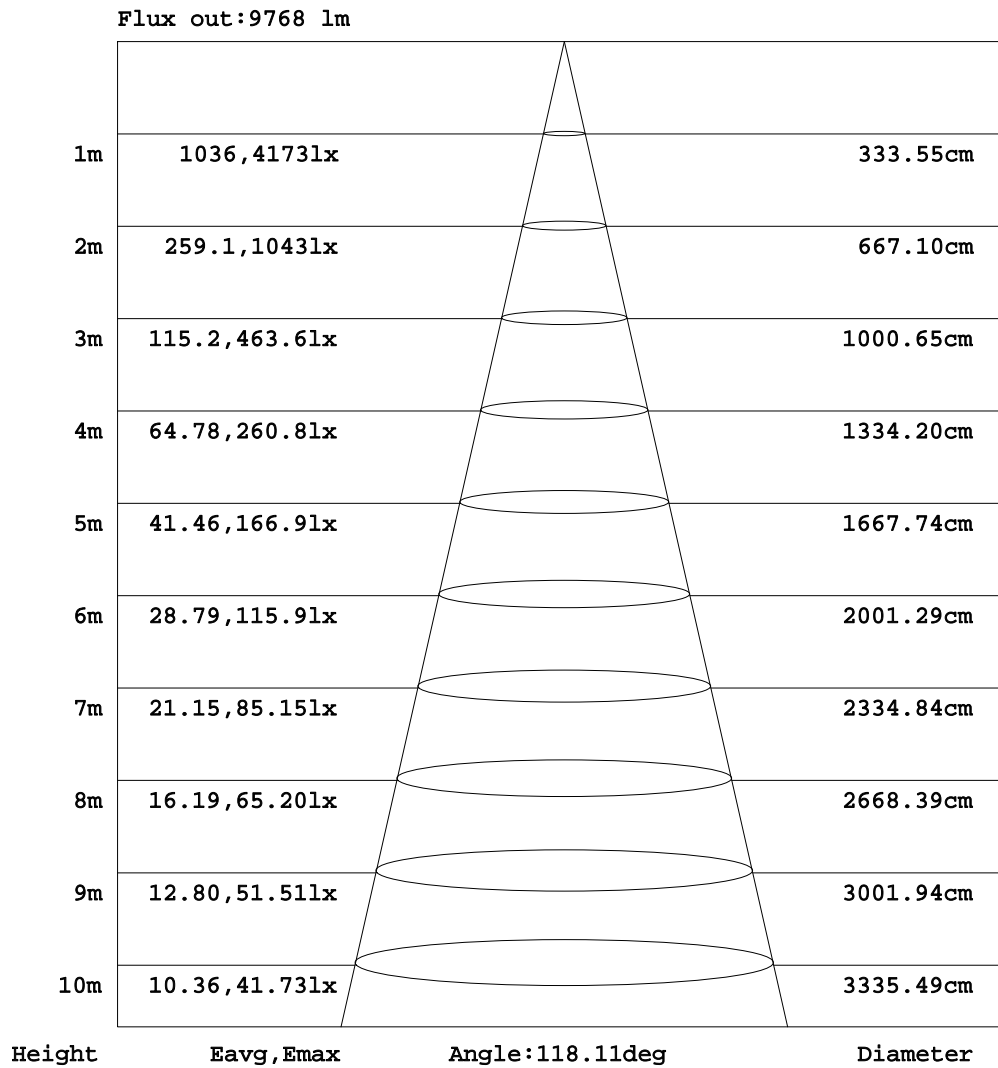
C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2017-07-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
 Humidity: 65.0%  
 Test Distance: 10.100m [K=1.0000]  
 Remarks:



AAI Figure

Test:U:229.63V I:0.4167A P:94.082W PF:0.9832 Freq:50.00Hz Lamp Flux:112.38x117 lm		
NAME: SPS1004-HL10B-117NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:φ110mm	Shielding Angle:



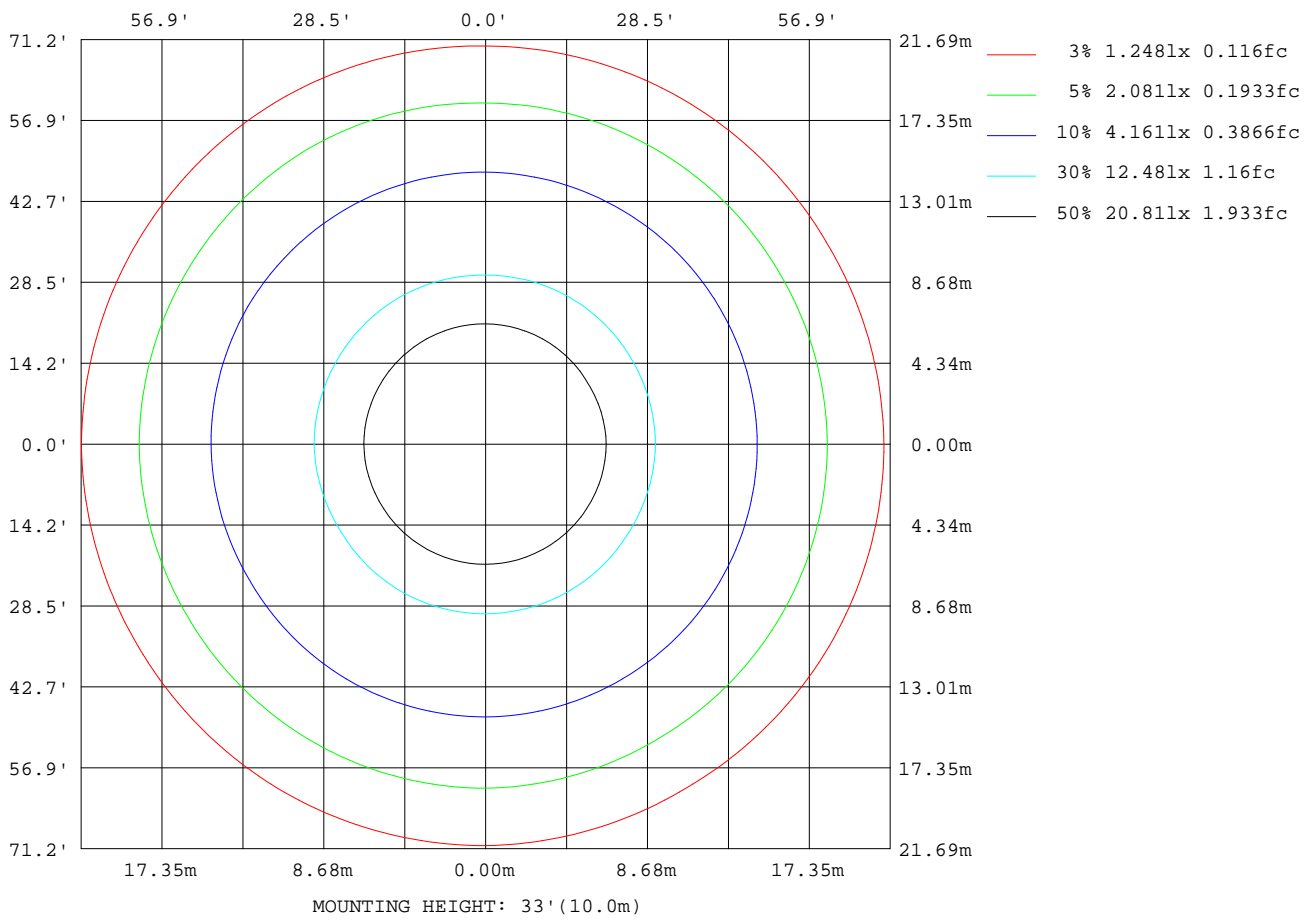
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017-07-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
 Humidity:65.0%  
 Test Distance:10.100m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

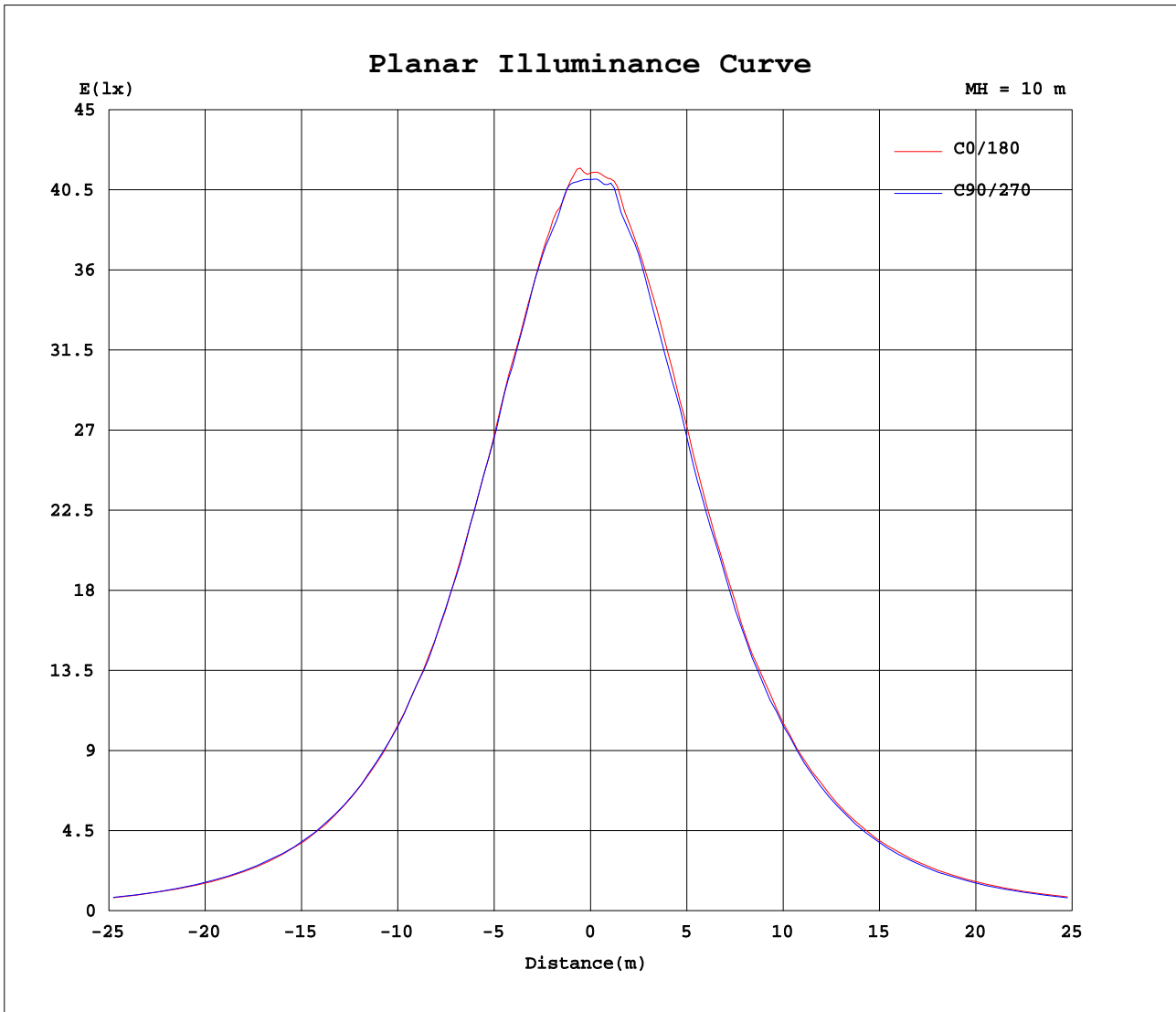
Test:U:229.63V I:0.4167A P:94.082W PF:0.9832 Freq:50.00Hz Lamp Flux:112.38x117 lm		
NAME: SPS1004-HL10B-117NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:φ110mm	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2017-07-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
 Humidity: 65.0%  
 Test Distance: 10.100m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2017-07-14

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
 Humidity: 65.0%  
 Test Distance: 10.100m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:229.63V I:0.4167A P:94.082W PF:0.9832 Freq:50.00Hz Lamp Flux:112.38x117 lm		
NAME: SPS1004-HL10B-117NW	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:φ110mm	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	4145	4132	4120	4108	4098	4088	4145	4132	4120	4108	4098	4088							
5	4179	4168	4142	4138	4131	4114	4163	4178	4162	4127	4123	4109							
10	4111	4095	4102	4059	4081	4068	4114	4085	4088	4060	4056	4055							
15	4028	4031	4033	4014	3993	4014	4057	4044	4037	4019	3990	3983							
20	3904	3931	3910	3888	3909	3915	3976	3938	3911	3880	3867	3866							
25	3796	3783	3775	3776	3776	3793	3835	3820	3814	3781	3739	3760							
30	3624	3589	3603	3624	3623	3607	3668	3631	3634	3588	3586	3570							
35	3416	3369	3391	3399	3401	3391	3478	3451	3416	3416	3378	3376							
40	3189	3163	3156	3154	3207	3183	3209	3223	3187	3160	3143	3163							
45	2949	2913	2919	2925	2959	2925	2983	2989	2971	2936	2903	2936							
50	2654	2630	2637	2663	2688	2658	2733	2718	2701	2651	2647	2606							
55	2333	2333	2348	2345	2341	2343	2407	2405	2372	2329	2309	2321							
60	1986	1974	1978	2028	2033	2037	2072	2064	2031	1990	1974	1946							
65	1627	1634	1630	1677	1683	1678	1715	1692	1669	1627	1616	1591							
70	1263	1255	1257	1287	1301	1315	1333	1310	1310	1238	1253	1197							
75	1024	991	1031	987	1047	1000	1030	992	1024	926	961	939							
80	612	623	625	614	646	660	741	690	686	587	571	561							
85	272	289	292	285	287	321	354	333	326	242	247	265							
90	167	166	157	140	138	154	154	155	147	126	129	144							
95	266	269	292	226	253	247	260	163	274	252	295	217							
100	74.1	128	27.6	88.5	152	116	106	103	116	149	116	106							
105	39.5	42.0	42.1	38.2	55.1	45.1	46.5	48.9	47.4	42.2	43.1	39.5							
110	16.6	16.3	16.3	15.8	15.7	15.8	16.7	16.7	16.9	16.8	16.9	16.8							
115	18.3	18.1	18.0	17.6	17.5	17.5	18.2	18.2	18.2	18.4	18.4	18.5							
120	20.9	20.8	20.6	20.2	20.0	19.9	20.7	20.7	20.7	20.9	20.9	21.0							
125	23.5	23.4	23.2	22.9	22.7	22.7	23.4	23.4	23.4	23.6	23.6	23.7							
130	26.1	25.9	25.8	25.4	25.3	25.2	26.0	25.9	25.9	26.1	26.1	26.2							
135	28.5	28.3	28.1	27.9	27.8	27.6	28.3	28.2	28.3	28.4	28.5	28.5							
140	30.7	30.6	30.4	30.2	30.1	29.9	30.6	30.5	30.6	30.7	30.7	30.7							
145	32.8	32.7	32.5	32.3	32.2	32.1	32.8	32.6	32.7	32.7	32.8	32.7							
150	34.8	34.7	34.5	34.3	34.2	34.1	34.8	34.6	34.6	34.6	34.7	34.6							
155	36.5	36.5	36.4	36.2	36.0	35.9	36.6	36.4	36.4	36.3	36.3	36.2							
160	38.2	38.2	38.0	37.9	37.7	37.6	38.3	38.1	38.0	37.9	37.9	37.8							
165	39.7	39.8	39.5	39.4	39.2	39.1	39.8	39.6	39.5	39.4	39.3	39.2							
170	41.1	41.1	40.8	40.8	40.5	40.5	41.2	41.0	40.9	40.8	40.6	40.4							
175	42.2	42.2	41.9	41.9	41.6	41.5	42.3	42.0	42.0	41.8	41.7	41.4							
180	42.8	42.8	42.6	42.5	42.2	42.1	42.9	42.7	42.7	42.4	42.3	42.0							

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017-07-14

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.401  
 Humidity:65.0%  
 Test Distance:10.100m [K=1.0000]  
 Remarks: